Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method to control a transmission system ~~and consisting of~~ comprising at least one transmitter ~~(S1 ... Sn)~~ and at least one receiver ~~(1),~~ ~~wherein~~, the method comprising the steps of:

transmitting a signal ~~(S_{in}) transmitted~~ through an information channel[[(120)]], the signal being ~~is~~ modulated in at least one of amplitude, frequency ~~and/or~~ and phase~~, characterized in that~~;

~~-- the~~ transmitting configuration parameters ~~are transmitted~~ through a control channel ~~(110 ... 113), said transmission through the control channel (110 ... 113) being carried out regardless of any transmission implemented~~ independent of the signal transmitted through the information channel[[(120)]], and

~~--~~implementing adjustments in the receiver according to ~~based on~~ the ~~transmitted~~ configuration parameters ~~are implemented in the receiver (1) and in particular enabling demodulating~~ to enable demodulation of the signal [[(S_{in})]]transmitted through the information channel.

Claim 2 (currently amended): Method as claimed in

claim 1, ~~characterized in that~~ wherein an identification code is transmitted through the control channel, ~~(110 ... 113)~~ and ~~in that~~ wherein the identification code is checked in the receiver [[(1)]]and ~~on account of such a~~ based on the check the adjustments are carried out in the receiver ~~(1), in particular~~ according to ~~the~~ corresponding configuration parameters.

Claim 3 (currently amended): Method as claimed in one of the above claims, ~~characterized in that~~ wherein the receiver [[(1)]]is programmed by a ~~programming~~ configuration unit ~~(105), the transmission of the~~, and wherein programming data for programming the configuation unit ~~taking place~~ is transmitted through the control channel[[(111)]].

Claim 4 (currently amended): Method as claimed in claim 3, ~~characterized in that~~ wherein information is transmitted from the receiver[[(1)]] through the control channel[[(111)]] to the configuration unit[[(105)]].

Claim 5 (currently amended): Method as claimed in ~~one of claims~~ claim 2 ~~through 4~~, ~~characterized in that~~ wherein one or more identification codes are addressed to ~~several~~ a plurality of receivers[[(1)]].

Claim 6 (currently amended): Method as claimed in ~~one of the above claims, characterized in that~~ claim 1, wherein [[--]]the demodulation of the signal [[(S_{in})]]based on the configuration parameters is carried out ~~in particular~~ using ~~the~~ a generated frequency to produce at least one demodulated signal ~~(S, S_{out1}, S_{out2}, $S_{digital}$)~~, and [[--]]wherein the at least one demodulated signal ~~or signals (S, S_{out1}, S_{out2}, $S_{digital}$) are~~ is fed to another processing unit~~, in particular~~ of at least one of a hearing aid ~~(100) or~~ and an electro-acoustic transducer.

Claim 7 (currently amended): Method as claimed in ~~one of the above claims, characterized in that~~ claim 1, wherein a total transfer function resulting from the transmitter ~~(S1 ... Sn)~~ and the receiver [[(1)]]is modified in the receiver [[(1)]]by transmitting transfer-function parameters of the transmitter ~~(S1 ... Sn) -- in particular amplification and frequency of transmission ---~~through the control channel ~~(110 ... 113)~~ to the receiver, said transfer-function parameters comprising amplification and frequency of transmission, [[(1)]]and ~~in that~~ wherein the transfer function of the receiver [[(1)]]is modified in relation to a desired total transfer function.

Claim 8 (currently amended): Method as claimed in ~~one of the above claims, characterized in that~~ claim 1, wherein an antenna [[(A)]]receiving the modulated signal [[(S_{in})]]is tuned to ~~the~~ a particular transmission frequency.

Claim 9 (currently amended): Method as claimed in ~~one of the above claims, characterized in that~~ claim 1, wherein the transmission through the control channel ~~(100 ... 113)~~ is carried out using FSK (frequency shift keying) modulation.

Claim 10 (currently amended): ~~Application of the method~~ Method as claimed in ~~one of claims~~ claim 1, wherein ~~through 9 to the transmission of~~ audio signals are transmitted from ~~a~~ the transmitter ~~(S1 ... Sn)~~ to the at least one receiver[[(1)]], wherein the at least one receiver is connected to at least one of a hearing aid ~~(100) or to~~ and an electro-acoustic transducer.

Claim 11 (currently amended): A wireless transmission system ~~consisting of~~ comprising:

a receiver comprising an antenna; ~~(1) and~~

at least one transmitter; ~~(S1 ... Sn),~~

a signal[[(S_{in})]] which is modulated in at least one of amplitude, frequency ~~and/or~~ and phase, the signal being

transmitted from one of the at least one transmitters ~~(S1 ... Sn)~~ to the receiver; ~~(1), the receiver (1) comprising an antenna (A), characterized in that~~

~~there exist~~ means ~~(S1 ... Sn, 102, 105, 107) to generate and transmit~~ for generating and transmitting configuration parameters for enabling demodulation of the signal, and the configuration parameters being transmitted independent of the signal; and

means for receiving and processing the configuration parameters, said ~~that~~ means ~~(15) exist~~ being provided in the receiver ~~(1) to receive and process the configuration parameters~~.

Claim 12 (currently amended): Transmission system as claimed in claim 11, ~~characterized in that~~ wherein the means for generating and transmitting the configuration parameters are ~~contained~~ provided in at least one of a remote control[[(107)]], [[in]]a transmitter[[(S1 ... Sn)]], [[in]]a control unit[[(102)]] connected to a loop antenna ~~(101) and/or in~~ and a configuration unit ~~(105)~~.

Claim 13 (currently amended): Transmission system as claimed in ~~either of claims 11 and 12, characterized in that~~ claim 11, wherein the receiver [[(1)]]is connected to at least one of a hearing aid ~~(100) or to~~ and an electro-acoustic transducer.

Claim 14 (currently amended): A ~~receiver (1)~~ receiving device comprising:

a receiver for receiving ~~frequency and/or phase modulated~~ signals [[(S_{in})]]which are modulated in at least one of frequency and phase, the signals being received at an antenna[[(A)]] connected through a filter-amplifier unit [[(2)]]and a consecutive mixer [[(3)]]to a demodulator [[(4)]]to generate ~~the~~ demodulated signals ~~(S_{out1}, S_{out2}, $S_{digital}$)~~ based on configuration parameters, the mixer ~~(3) furthermore~~ being loaded with [[the]]an output signal from a synthesizer [[(6)]]which ~~in turn~~ is controlled by a control unit ~~(7), characterized in that;~~ and

transceiving means ~~(8, 16, 17)~~ for receiving the configuration parameters independent of a signal received by the receiver, the transceiving means being [[are]]connected to the control unit[[(6)]].

Claim 15 (currently amended): A ~~receiver (1)~~ device as claimed in claim 14, ~~characterized in that~~ wherein the transceiving means ~~for configuration parameters consist of~~ comprises a transceiver[[(8)]], a transceiving coil [[(15)]]and a capacitor [[(16)]]to adjust the transceiving coil[[(15)]].

Claim 16 (currently amended): A ~~receiver (1)~~ device as claimed in ~~either of claims 14 and 15, characterized in that~~ claim 14, further comprising an integrated circuit on a CMOS chip, the integrated circuit comprising the filter-amplifier unit[[(2)]], the mixer[[(3)]], the demodulator[[(4)]], the synthesizer[[(6)]] and the control unit ~~(7) can be made into an integrated circuit on a CMOS chip~~.

Claim 17 (currently amended): A device as claimed in claim 14, further comprising a hearing aid ~~fitted with a~~ comprising the receiver ~~(1) as claimed in one of claims 14 through 16~~.

Claim 18 (new): A method as claimed in claim 1, wherein the control channel is separate from the information channel.

Claim 19 (new): A method as claimed in claim 1, wherein the control channel has a carrier frequency different from a carrier frequency of the information channel.

Claim 20 (new): A method as claimed in claim 19,

wherein the configuration parameters comprise an identification of the carrier frequency of the information channel.